

Figure 1

Title: "METHOD AND COMPOSITIONS FOR
REVERSIBLE INHIBITION OF THERMOSTABLE
POLYMERASES"
Inventor: Lars-Erik PETERS
ATTORNEY DOCKET NO.: 1995/US/2
FILED: SEPTEMBER 11, 2003

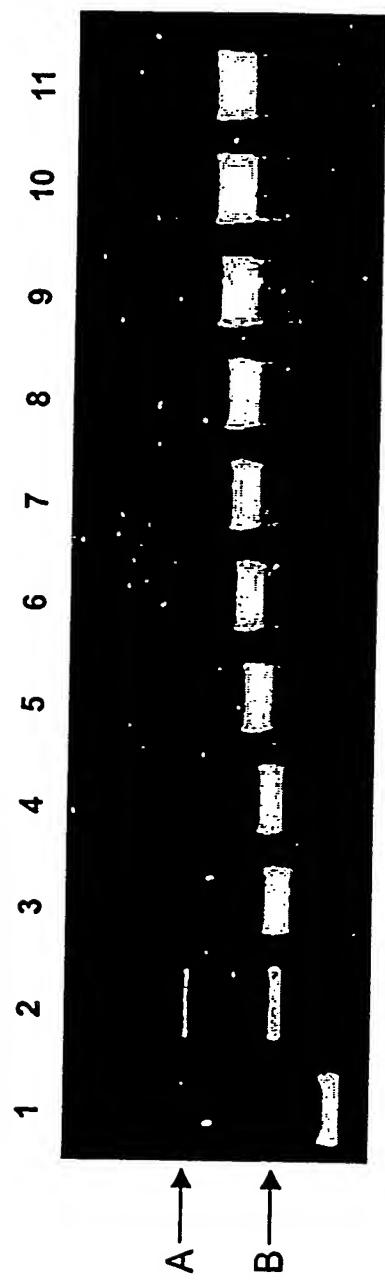


Figure 2

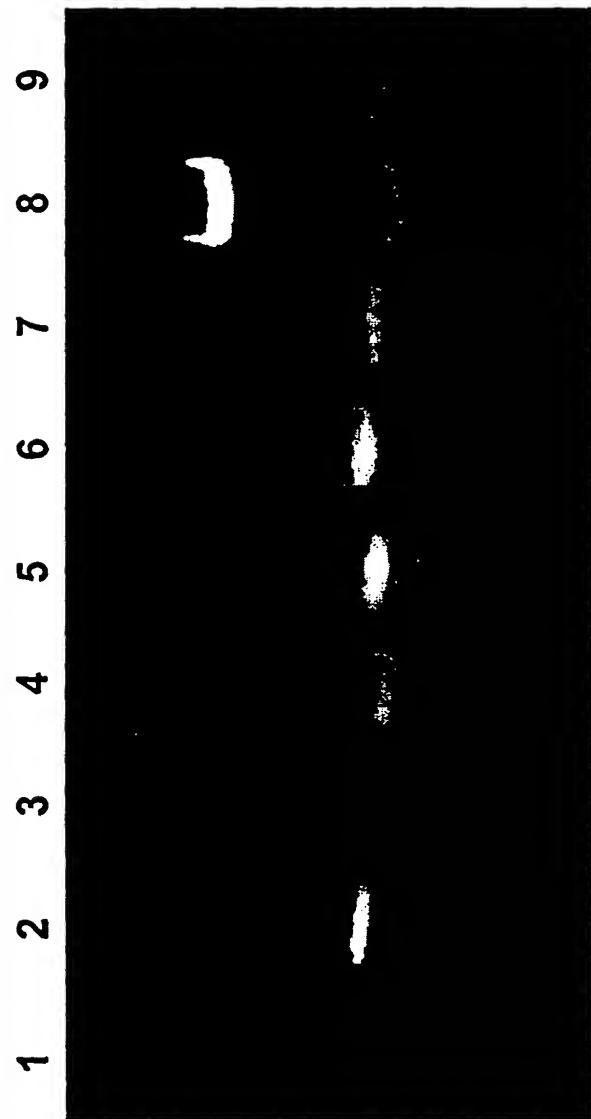


Figure 3. M13 primer extension assay in the presence of potentially inhibitive carbohydrates and dslambda DNA. 20 uL of the 50 uL reaction mixtures were separated in 0.7% SeaKem LE Agarose containing 0.5ug/mL Ethidium Bromide.

- 1 - primed single-stranded M13 template DNA (negative control)
- 2 - primer extension reaction with 1% carboxymethyl cellulose
- 3 - primer extension reaction with 1% dextran sulfate MW 5000
- 4 - primer extension reaction with 1% Methocell MC, methylcellulose
- 5 - primer extension reaction with 1% potato starch
- 6 - primer extension reaction with 1% tylose MH 300
- 7 - primer extension reaction with 1% Xylitol Mw 152.2
- 8 - primer extension reaction with 5 ug Lambda DNA
- 9 - standard primer extension reaction without inhibitor (positive control)

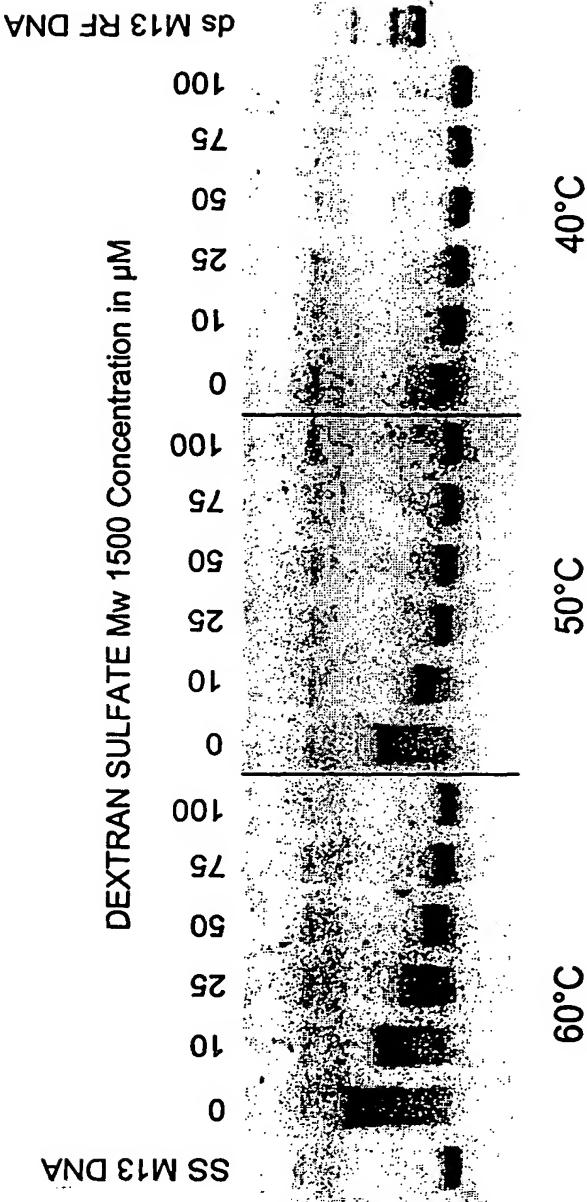


Figure 4

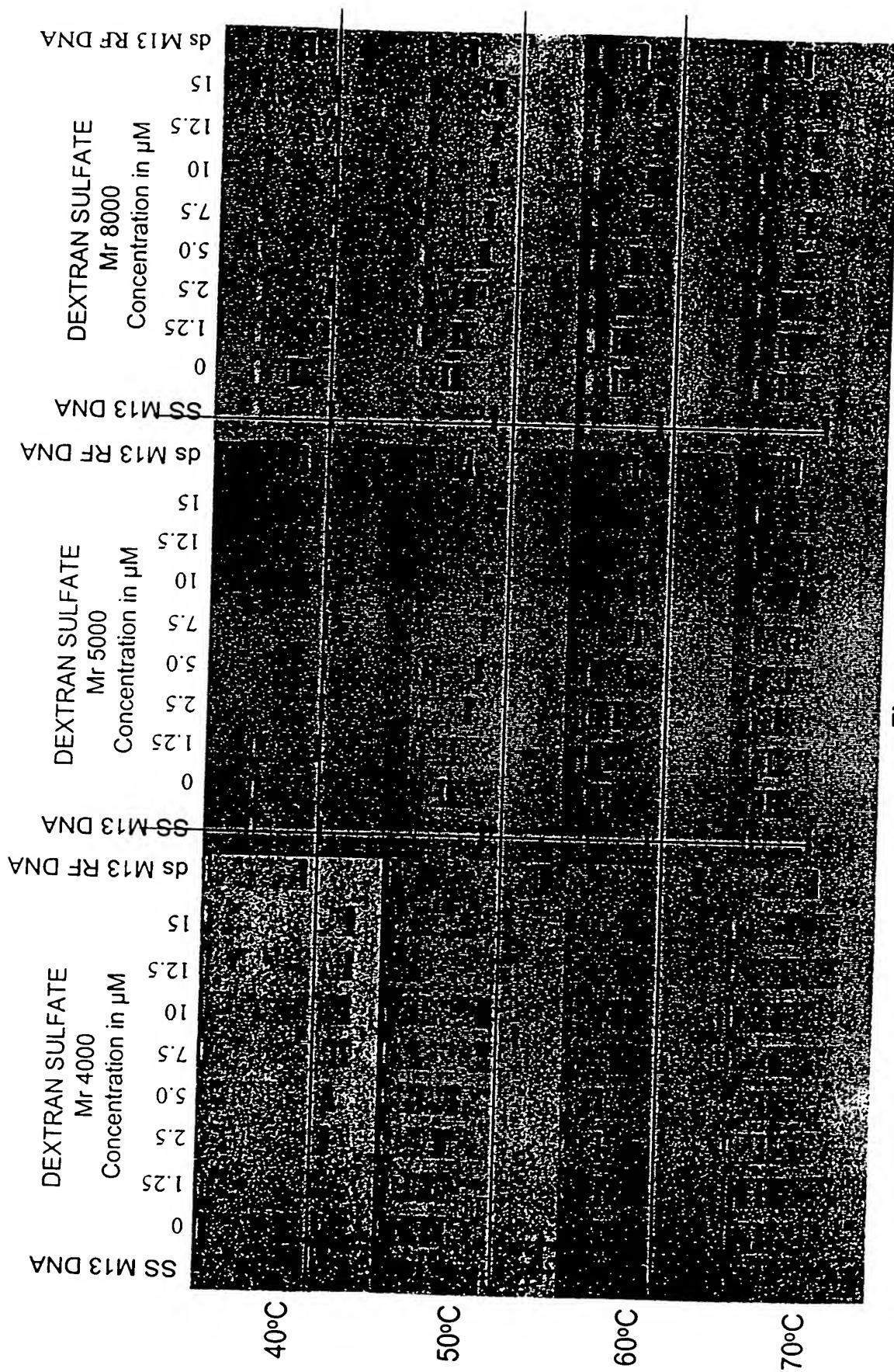
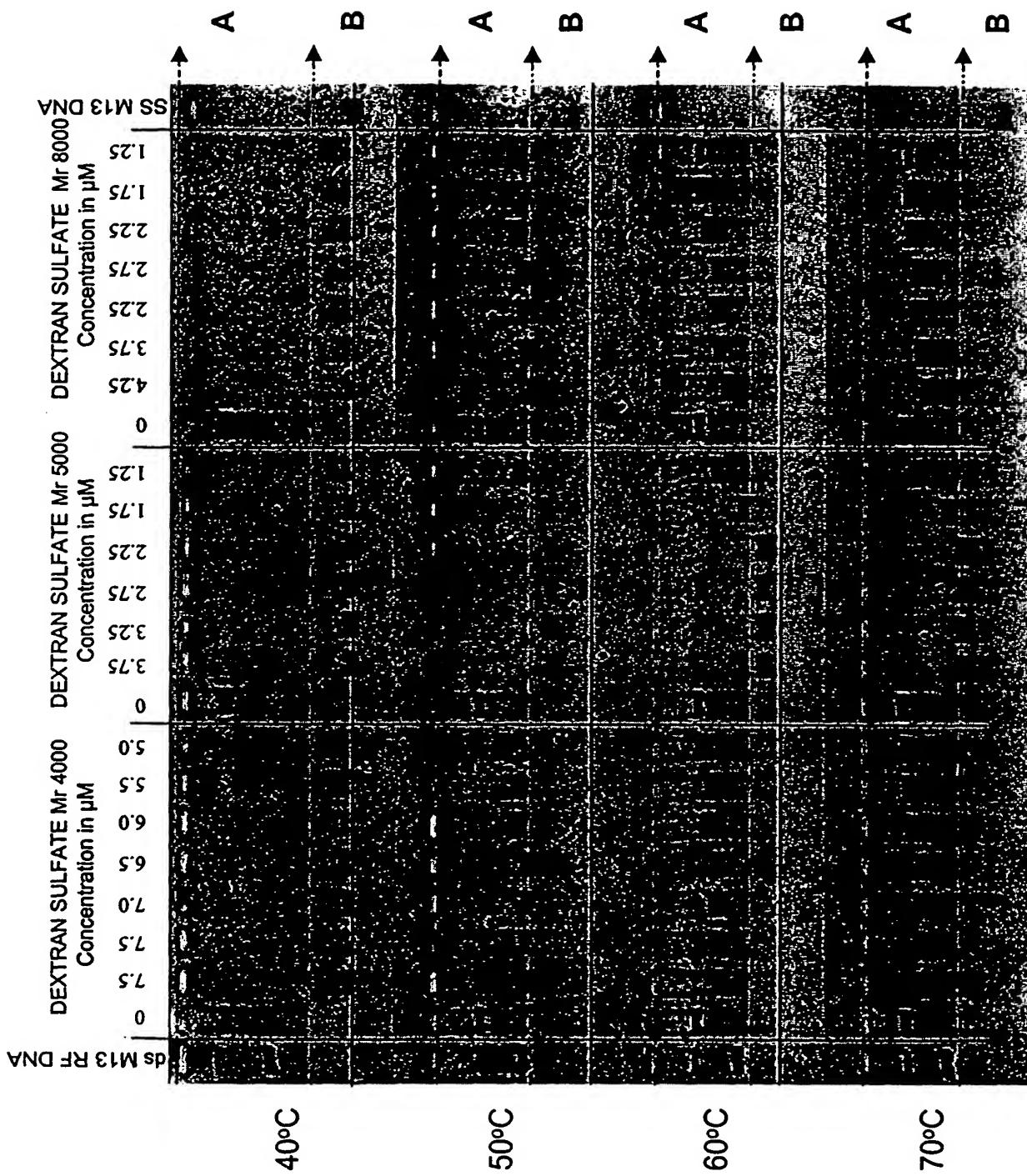


Figure 5



Title: "METHOD AND COMPOSITIONS FOR
REVERSIBLE INHIBITION OF THERMOSTABLE
POLYMERASES"
Inventor: Lars-Erik PETERS
ATTORNEY DOCKET NO.: 1995/US/2
FILED: SEPTEMBER 11, 2003



Figure 7

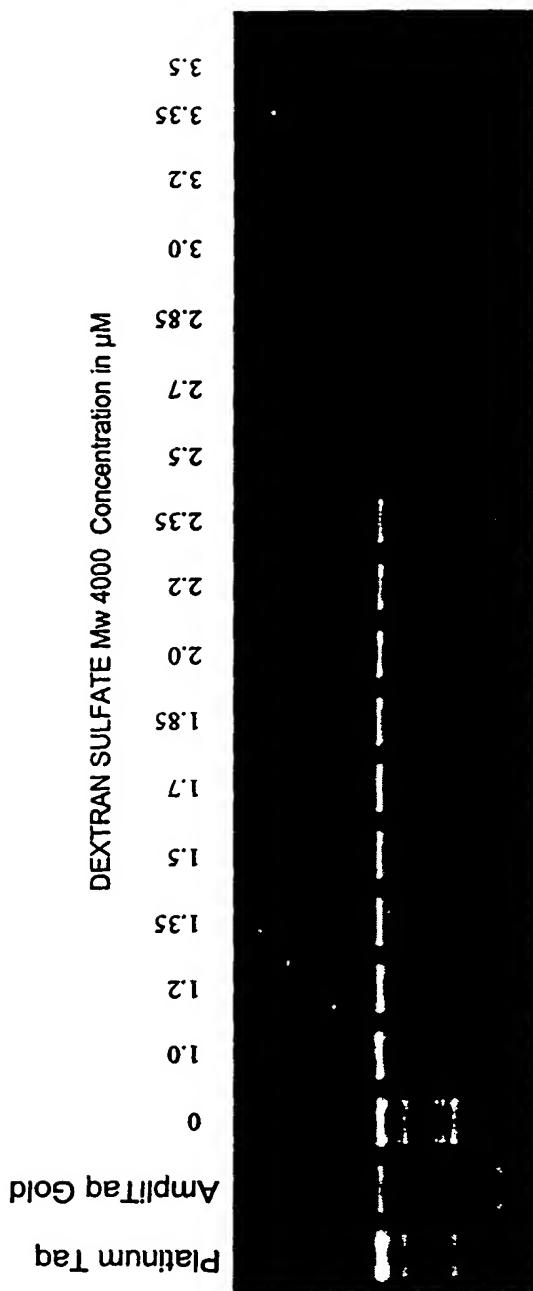


Figure 8

Title: "METHOD AND COMPOSITIONS FOR
REVERSIBLE INHIBITION OF THERMOSTABLE
POLYMERASES"
Inventor: Lars-Erik PETERS
ATTORNEY DOCKET NO.: 1995/US/2
FILED: SEPTEMBER 11, 2003

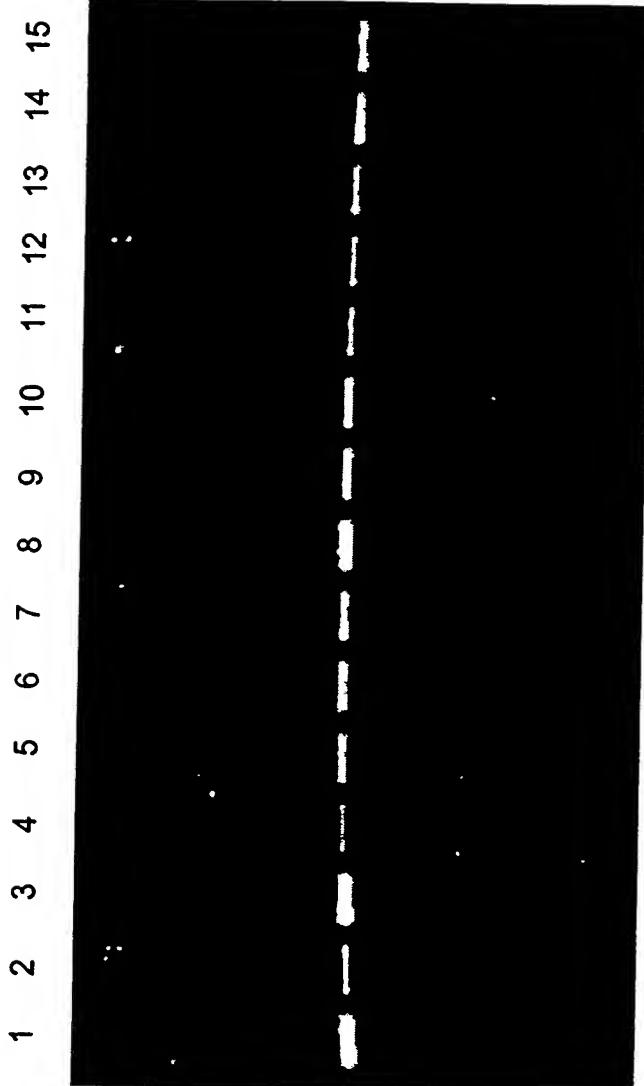


Figure 9

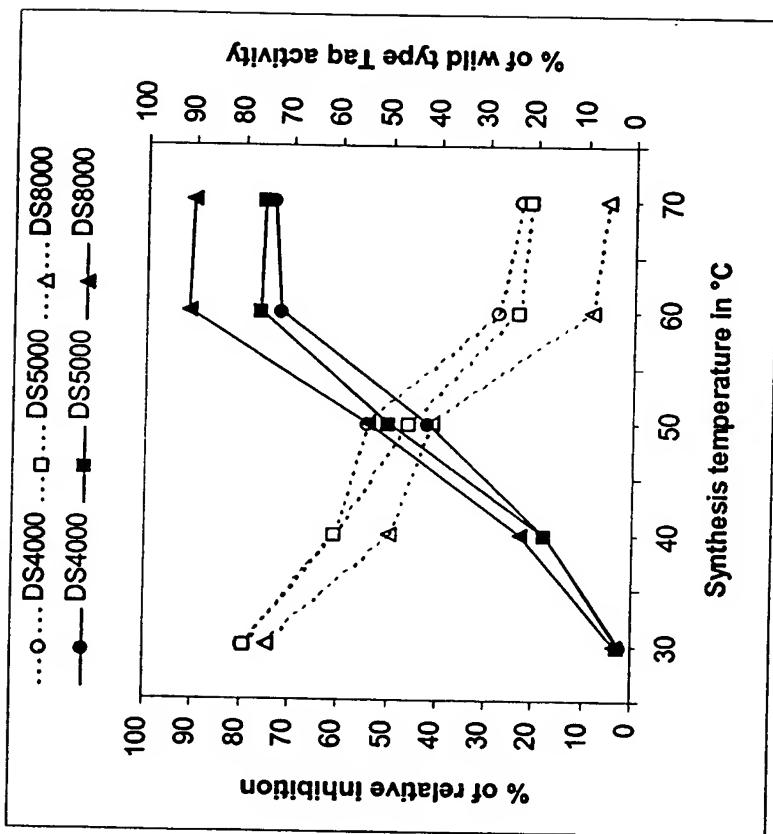


Figure 10